APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/659,822	09/11/2003	Jason R. Delker	2306	5940

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EXAMINER
VU, MICHAEL T

ART UNIT	PAPER NUMBER
2683	

DATE MAILED: 08/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____.

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-18* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-18* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on *11 September 2003* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>01/15/2004</u>

4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on
sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claims 1-18 are rejected under 35 U.S.C. 102(b) as being anticipated by

Zimmerman (US 6,745,040).

        Regarding **claim 1**, Zimmerman teaches a method of managing a plurality of

directory numbers for a mobile station (to received message in a wireless

communication unit having multiple /plurality directory numbers associated with a

cellular phone, C1, L34-60, Abstract), said plurality of directory numbers including at

least a first directory number and a second directory number (a wireless communication

unit having multiple /plurality directory numbers associated with a cellular phone, C1,

L34-60, Abstract), said method comprising: associating said first directory number with

an identifier code recognized by said mobile station (mobile phone associated with one

of a plurality of user personas or identities, e.g. a first directory number associated with

a "work" identity, Fig. #5A, C2, L1-10, and C5, L24 to C6, L3), detecting a first request

to connect a first incoming call to said first directory number (the communication unit

received a call, it's automatic identifies the persona and responds in accordance, C2,

L1-10, L23-35), transmitting a query to a call control system (Fig. #3 Processor 304

controls the operations of the interfaces C4, L14-19), said query identifying said first

directory number (Fig. 5A Directory Identity 502, C2, L1-10, Abstract), receiving a

response to said query (receiving a coming call C2, L1-10, L23-35), said response

including said identifier code (C2, L1-10, L23-35); and transmitting a first message to

said mobile station (Fig. #2, C2, L1-10, L23-35), said first message including said

identifier code to indicate that said first directory number is being called (Fig. #2, Fig. #3,

Fig. #4A & B, Fig. #5A, C2, L1-10, L23-35).

Regarding **claim 2**, the method of claim 1, Zimmerman teaches wherein said

response further includes an identification of said mobile station (C2, L1-10, L23-35).

Regarding **claim 3**, the method of claim 2, Zimmerman teaches comprising: said

call control system determining said identifier code and said identification of said mobile

station based on said first directory number (Fig. #3, Fig. #4A, Fig.#5B, Fig.C2, L1-10

and C5, L24 to C6, L3 / Caller ID reads on ID code).

Regarding **claim 4**, Zimmerman teaches the method of claim 1, further

comprising: said mobile station providing a user-discernible indication based on said

identifier code (Fig. #4A & B, #5B & D: "e.g. Ring tone Born in USA", C6, L43-54).

Regarding **claim 5**, Zimmerman teaches the method of claim 1, wherein said call

control system includes a service control point (SCP) (Fig. #1, SCP/ Service Control

Point #160,C3, L53-58).

Regarding **claim 6**, Zimmerman teaches the method of claim 1, wherein said call

control system includes a home location register (Fig. #1, HLR #180, C3, L53-58).

Regarding **claim 7**, Zimmerman teaches the method of claim 1, wherein said first message is an alert message (Fig. #2, C2, L1-10).

Regarding **claim 8**, Zimmerman teaches the method of claim 1, further comprising: detecting a second request to connect a second incoming call to said second directory number' (Second directory number C2, L1-10), and in response to said second request (C2, L1-10, transmitting a second message to said mobile station without including said identifier code (C2, L1-10, and C23-35).

Regarding **claim 9**, Zimmerman teaches a system for managing a plurality of directory numbers for a mobile station (to received message in a wireless communication unit having multiple /plurality directory numbers associated with a cellular phone, C1, L34-60, Abstract), said plurality of directory numbers including at least a first directory number and a second directory number (C2, L1-10, L23-35), said system comprising: a call connection system for connecting calls to said mobile station over an air interface (C2, L1-10, L23-35); and a call control system for controlling said call connection system (Fig. #3 Processor 304 controls the operations of the interfaces C4, L14-19), said call control system storing an association between said first directory number and an identifier code recognized by said mobile station (C2, L1-10, L23-35, and C5, L24 to C6, L3).

Regarding **claim 10**, Zimmerman teaches in claim 9, wherein said call connection system includes a mobile switching center (MSC) (Fig. #1 MSC #170, C3, L55-57).

Regarding **claim 11**, Zimmerman teaches in claim 10, wherein said MSC is provisioned with at least one trigger to query said call control system in response to a request to connect an incoming call to said first directory number (C2, L1-10, and Fig. #1 MSC #170).

Regarding **claim 12**, Zimmerman teaches in claim 9, wherein said call control system includes a service control point (SCP) (Fig. #1, Service Control Point #160, C3, L55-57).

Regarding **claim 13**, Zimmerman teaches in claim 9, wherein said call control system includes a home location register (HLR) (Fig. #1, HLR #180, C3, L53-58).

Regarding **claim 14**, Zimmerman teaches a method of managing a plurality of directory numbers for a mobile station (to received message in a wireless communication unit having multiple /plurality directory numbers associated with a cellular phone, C1, L34-60, Abstract), said plurality of directory numbers including at least a first directory number and a second directory number (a wireless communication unit having multiple /plurality directory numbers associated with a cellular phone, C1, L34-60, Abstract), said method comprising: associating said first directory number with an identifier code used by said mobile station to indicate call origination from said first directory number (mobile phone associated with one of a plurality of user personas or identities, e.g. a first directory number associated with a "work" identity, Fig. #5A, C2, L1-10, and C5, L24 to C6, L3); detecting a request to originate a call from said mobile station to a called party (the communication unit received a call, it's automatic identifies the persona and responds in accordance, C2, L1-10, L23-35), said request including

said identifier code C2, L1-10); transmitting a query to a call control system (Fig. #3

Processor 304 controls the operations of the interfaces C4, L14-19), said query

identifying said identifier code (Fig. #4A &B, C2, L1-10); receiving a response to said

query, said response including said first directory number' (receiving a coming call C2,

L1-10, L23-35), routing said call to said called party L1-10, L23-35), such that said first

directory number is identified as a calling party number (L1-10, L23-35, Fig. #4A &B).

Regarding **claim 15**, Zimmerman teaches in claim 14, further comprising: a user

selecting said first directory number to use for said call to said called party (Fig. #4A &B,

C2, L1-10).

Regarding **claim 16**, Zimmerman teaches in claim 15, wherein a user selecting

said first directory number comprises: said user dialing a digit string associated with

said first directory number (Fig. #4A &B, C2, L1-10).

Regarding **claim 17**, Zimmerman teaches the method of claim 14, wherein said

call control system includes a service control point (SCP) (Fig. #1, SCP/ Service Control

Point #160,C3, L53-58).

Regarding **claim 18**, Zimmerman teaches the method of claim 14, wherein said

call control system includes a home location register (HLR) (Fig. #1, HLR #180, C3,

L53-58).

Conclusion

3.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

Zimmerman US 2002/0198007

Cameron US 5,983,095

Chow US 6,785,560

Ghafoor US 6,618,587

Kamimura 2002/0094806

Uriya US 6,574,489

Armanto US 6,094,587

Yamashita US 5,848,362
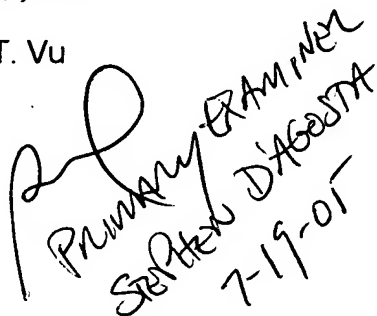
Ikenouchi US 5,835,863

Lee US 6,216,017

4.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Michael Vu whose telephone number is (571) 272-8131.

The examiner can normally be reached on 8:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, William Trost can be reached on 571-272-7872. The fax phone number for

the organization where this application or proceeding is assigned is 571-272-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status

information for unpublished applications is available through Private PAIR only. For

more information about the PAIR system, see http://pair-direct.uspto.gov. Should you

have questions on access to the Private PAIR system, contact the Electronic Business

Center (EBC) at 866-217-9197 (toll-free).

Michael T. Vu